	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	107	((((grating$1 near7 (glass transpaernt transmissive transmisive silicon)) ((normal side section front back enter$4) near4 grating$1)) and (((grating near1 diffract$4)) and (grating near12 (reflect$5 mirror$1) same beam$1))) and ((DWDM WDM) same grating$1) and (grating$1 same (fiber$1 waveguide$1)) and integrat$4) not ((((grating same diffract$4 same integrat$4)) and (grating near12 (reflect$5 mirror$1) same beam$1)) and ((DWDM WDM) same grating$1) and (grating$1 same (fiber$1 waveguide$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO	2005/11/23 13:58

	Comments	Error Definition	Err ors
1			

	Type	Hits	Search Text
1	BRS	0	'10/028419'
2	BRS	0	'10028419'
3	BRS	0	"10028419"
4	BRS	0	"10/028419"
5	BRS	1514	grating same diffract$4 same integrat$4
6	BRS	30190	"385"/$.ccls.
7	BRS	412	(grating same diffract$4 same integrat$4) and "385"/$.ccls.
8	BRS	6485	grating near12 (reflect$5 mirror$1) same beam$1
9	BRS	95664	(reflect$5 mirror$1) near9 (film$3 coat$4)
10	BRS	154	((grating same diffract$4 same integrat$4) and "385"/$.ccls.) and (grating near12 (reflect$5 mirror$1) same beam$1)
11	BRS	49	(((grating same diffract$4 same integrat$4) and "385"/$.ccls.) and (grating near12 (reflect$5 mirror$1) same beam$1)) and ((reflect$5 mirror$1) near9 (film$3 coat$4))
12	BRS	4	(((grating same diffract$4 same integrat$4)) and (grating near12 (reflect$5 mirror$1) same beam$1)) and ((reflect$5 mirror$1) near9 (film$3 coat$4))
13	BRS	49	(((grating same diffract$4 same integrat$4) and "385"/$.ccls.) and (grating near12 (reflect$5 mirror$1) same beam$1)) and ((reflect$5 mirror$1) near9 (film$3 coat$4))
14	BRS	609	((grating same diffract$4 same integrat$4)) and (grating near12 (reflect$5 mirror$1) same beam$1)

	DBs	Time Stamp	Comments	Error Definition
1	US-PGPUB; USPAT	2005/06/07 10:53		
2	US-PGPUB; USPAT	2004/06/16 19:29		
3	US-PGPUB; USPAT	2004/06/16 19:29		
4	US-PGPUB; USPAT	2004/06/16 19:29		
5	US-PGPUB; USPAT	2004/06/17 11:20		
6	US-PGPUB; USPAT	2004/06/17 11:20		
7	US-PGPUB; USPAT	2004/06/17 11:21		
8	US-PGPUB; USPAT	2004/06/17 11:23		
9	US-PGPUB; USPAT	2004/06/17 12:03		
10	US-PGPUB; USPAT	2004/06/17 15:45		
11	US-PGPUB; USPAT	2004/06/17 12:13		
12	EPO; JPO; DERWENT	2004/06/17 12:10		
13	US-PGPUB; USPAT	2004/06/17 12:14		
14	US-PGPUB; USPAT	2004/06/17 13:45		

	Errors	Ref #
1		S26
2		S27
3		S28
4		S29
5		S30
6		S31
7		S32
8		S33
9		S34
10		S35
11		S36
12		S37
13		S38
14		S39

	Type	Hits	Search Text
15	BRS	102	(((grating same diffract$4 same integrat$4)) and (grating near12 (reflect$5 mirror$1) same beam$1)) and ((DWDM WDM) same grating$1) and (grating$1 same (fiber$1 waveguide$1))
16	BRS	84	((((grating same diffract$4 same integrat$4)) and (grating near12 (reflect$5 mirror$1) same beam$1)) and ((DWDM WDM) same grating$1) and (grating$1 same (fiber$1 waveguide$1))) not ((((grating same diffract$4 same integrat$4) and "385"/$.ccls.) and (grating near12 (reflect$5 mirror$1) same beam$1)) and ((reflect$5 mirror$1) near9 (film$3 coat$4)))
17	BRS	0	(((grating same diffract$4 same integrat$4)) and (grating near12 (reflect$5 mirror$1) same beam$1)) and ((DWDM WDM) same grating$1) and (grating$1 same (fiber$1 waveguide$1))
18	BRS	3651	grating$1 near7 (glass transpaernt transmissive transmisive silicon)
19	BRS	7983	(normal side section front back enter$4) near4 grating$1
20	BRS	4833	((grating same diffract$4)) and (grating near12 (reflect$5 mirror$1) same beam$1)
21	BRS	2644	((grating$1 near7 (glass transpaernt transmissive transmisive silicon)) ((normal side section front back enter$4) near4 grating$1)) and (((grating same diffract$4)) and (grating near12 (reflect$5 mirror$1) same beam$1))
22	BRS	4131	((grating near1 diffract$4)) and (grating near12 (reflect$5 mirror$1) same beam$1)

	DBs	Time Stamp	Comments	Error Definition
15	US-PGPUB; USPAT	2004/06/17 15:49		
16	US-PGPUB; USPAT	2004/06/17 18:20		
17	EPO; JPO; DERWENT	2004/06/17 15:39		
18	US-PGPUB; USPAT	2004/06/17 15:43		
19	US-PGPUB; USPAT	2004/06/17 15:45		
20	US-PGPUB; USPAT	2004/06/17 15:47		
21	US-PGPUB; USPAT	2004/06/17 15:47		
22	US-PGPUB; USPAT	2004/06/17 15:47		

	Errors	Ref #
15		S40
16		S41
17		S42
18		S43
19		S44
20		S45
21		S46
22		S47

	Type	Hits	Search Text
23	BRS	2270	((grating$1 near7 (glass transpaernt transmissive transmisive silicon)) ((normal side section front back enter$4) near4 grating$1)) and (((grating near1 diffract$4)) and (grating near12 (reflect$5 mirror$1) same beam$1))
24	BRS	155	(((grating$1 near7 (glass transpaernt transmissive transmisive silicon)) ((normal side section front back enter$4) near4 grating$1)) and (((grating near1 diffract$4)) and (grating near12 (reflect$5 mirror$1) same beam$1))) and ((DWDM WDM) same grating$1) and (grating$1 same (fiber$1 waveguide$1)) and integrat$4
25	BRS	102	(((grating same diffract$4 same integrat$4)) and (grating near12 (reflect$5 mirror$1) same beam$1)) and ((DWDM WDM) same grating$1) and (grating$1 same (fiber$1 waveguide$1))
26	BRS	75	((((grating$1 near7 (glass transpaernt transmissive transmisive silicon)) ((normal side section front back enter$4) near4 grating$1)) and (((grating near1 diffract$4)) and (grating near12 (reflect$5 mirror$1) same beam$1))) and ((DWDM WDM) same grating$1) and (grating$1 same (fiber$1 waveguide$1)) and integrat$4) not ((((grating same diffract$4 same integrat$4)) and (grating near12 (reflect$5 mirror$1) same beam$1)) and ((DWDM WDM) same grating$1) and (grating$1 same (fiber$1 waveguide$1)))
27	BRS	6	("6275630" "6563977" "6108471" "6583934" "5044718" "6236780").pn.
28	BRS	6	(("6275630" "6563977" "6108471" "6583934" "5044718" "6236780").pn.) and (integrat$5 IC chip$1)

	DBs	Time Stamp	Comments	Error Definition
23	US-PGPUB; USPAT	2004/06/17 15:47		
24	US-PGPUB; USPAT	2004/06/17 15:49		
25	US-PGPUB; USPAT	2004/06/17 15:50		
26	US-PGPUB; USPAT	2005/06/08 10:59		
27	US-PGPUB; USPAT	2004/06/17 18:25		
28	US-PGPUB; USPAT	2004/06/17 18:26		

	Errors	Ref #
23		S48
24		S49
25		S50
26		S51
27		S52
28		S53

	Type	Hits	Search Text
29	BRS	6	(("6275630" "6563977" "6108471" "6583934" "5044718" "6236780").pn.) and (integrat$5 IC chip$1 structur$2 hous$4 single)
30	BRS	6	(("6275630" "6563977" "6108471" "6583934" "5044718" "6236780").pn.) and (fiber$1 waveguide$1) with (ferrul$2 hous$4 fit$$ stop$4 align$5)
31	BRS	6	(("6275630" "6563977" "6108471" "6583934" "5044718" "6236780").pn.) and (fiber$1 waveguide$1) with (barrel$3 ferrul$2 hous$4 fit$4 stop$4 align$5)
32	BRS	1	"6583934".pn. and (WDM dispers$5 wavlengths) and grating$1
33	BRS	1	"6583934".pn. and (WDM dispers$5 wavlengths) same grating$1
34	BRS	1	"6275630".pn.
35	BRS	1	"6583934".pn. and (WDM dispers$5 wavlengths diffract$4) same grating$1
36	BRS	1	"6583934".pn. and (WDM dispers$5 wavlengths diffracting diffracted) same grating$1
37	BRS	1	"6583934".pn. and (WDM dispers$5 wavlengths diffracting diffracted) same grating$1 same (angl$2 angul$5)
38	BRS	1	"6583934".pn.
39	BRS	1	S1 and (hous$5 support$5 align$5)
40	BRS	1	S1 and (hous$5 support$5 align$5 relief$5 reliev$5 relif$5 position$4)
41	BRS	1	S1 and (hous$5 support$5 align$5 relief$5 reliev$5 relif$5 position$4 wall$3)
42	BRS	1	S1 and (coat$4 film$3 layer$1)
43	BRS	1	S1 and (film$3 layer$1)

	DBs	Time Stamp	Comments	Error Definition
29	US-PGPUB; USPAT	2004/06/17 19:22		
30	US-PGPUB; USPAT	2004/06/17 19:23		
31	US-PGPUB; USPAT	2004/06/21 18:24		
32	US-PGPUB; USPAT	2004/06/21 18:27		
33	US-PGPUB; USPAT	2004/06/21 18:32		
34	US-PGPUB; USPAT	2004/06/21 18:30		
35	US-PGPUB; USPAT	2004/06/21 18:33		
36	US-PGPUB; USPAT	2004/06/21 18:35		
37	US-PGPUB; USPAT	2004/06/21 18:36		
38	US-PGPUB; USPAT	2004/12/14 16:53		
39	US-PGPUB; USPAT	2004/06/22 13:21		
40	US-PGPUB; USPAT	2004/06/22 13:27		
41	US-PGPUB; USPAT	2004/06/22 15:04		
42	US-PGPUB; USPAT	2004/06/22 15:05		
43	US-PGPUB; USPAT	2004/06/22 15:06		

	Errors	Ref #
29		S54
30		S55
31		S56
32		S57
33		S58
34		S59
35		S60
36		S61
37		S62
38		S1
39		S2
40		S3
41		S4
42		S5
43		S6

	Type	Hits	Search Text
44	BRS	1	S1 and (film$3 layer$1)
45	BRS	1	S1 and (film$3 coat$4)
46	BRS	1	'10/050572'
47	BRS	0	S9 and ((therm$5 heat$5) same oxi$6)
48	BRS	1	S9 and (therm$5 heat$5 oxi$6)
49	BRS	0	"200201226651"
50	BRS	0	"2002/01226651"
51	BRS	0	"2002/0122651"
52	BRS	1	"20020122651"
53	BRS	1	"6583934".pn.
54	BRS	1	"6583934".pn.
55	BRS	1	S68 and (lens$2 focus$4)
56	BRS	1	"6583934".pn.
57	BRS	1	S71 and align$5
58	BRS	1	'10/028419'
59	BRS	1	S73 and align$5

	DBs	Time Stamp	Comments	Error Definition
44	US-PGPUB; USPAT	2004/06/22 15:07		
45	US-PGPUB; USPAT	2004/06/22 17:02		
46	US-PGPUB; USPAT	2004/06/22 17:02		
47	US-PGPUB; USPAT	2004/06/22 17:08		
48	US-PGPUB; USPAT	2004/06/22 17:06		
49	US-PGPUB; USPAT	2004/06/22 17:07		
50	US-PGPUB; USPAT	2004/06/22 17:07		
51	US-PGPUB; USPAT	2004/06/22 17:07		
52	US-PGPUB; USPAT	2004/06/22 17:07		
53	US-PGPUB; USPAT	2004/12/15 10:48		
54	US-PGPUB; USPAT	2005/06/07 11:39		
55	US-PGPUB; USPAT	2004/12/15 14:15		
56	US-PGPUB; USPAT	2004/12/15 14:16		
57	US-PGPUB; USPAT	2004/12/15 14:18		
58	US-PGPUB; USPAT	2004/12/15 14:18		
59	US-PGPUB; USPAT	2004/12/15 14:18		

	Errors	Ref #
44		S7
45		S8
46		S9
47		S10
48		S11
49		S12
50		S13
51		S14
52		S15
53		S67
54		S68
55		S69
56		S71
57		S72
58		S73
59		S74

	Type	Hits	Search Text
60	BRS	90	((((grating$1 near7 (glass transpaernt transmissive transmisive silicon)) ((normal side section front back enter$4) near4 grating$1)) and (((grating near1 diffract$4)) and (grating near12 (reflect$5 mirror$1) same beam$1))) and ((DWDM WDM) same grating$1) and (grating$1 same (fiber$1 waveguide$1)) and integrat$4) not ((((grating same diffract$4 same integrat$4)) and (grating near12 (reflect$5 mirror$1) same beam$1)) and ((DWDM WDM) same grating$1) and (grating$1 same (fiber$1 waveguide$1)))
61	BRS	1	S76 AND (ALIGN$5 MOLD$4)
62	BRS	98	((((grating$1 near7 (glass transpaernt transmissive transmisive silicon)) ((normal side section front back enter$4) near4 grating$1)) and (((grating near1 diffract$4)) and (grating near12 (reflect$5 mirror$1) same beam$1))) and ((DWDM WDM) same grating$1) and (grating$1 same (fiber$1 waveguide$1)) and integrat$4) not ((((grating same diffract$4 same integrat$4)) and (grating near12 (reflect$5 mirror$1) same beam$1)) and ((DWDM WDM) same grating$1) and (grating$1 same (fiber$1 waveguide$1)))
63	BRS	4	S78 and mold$4
64	BRS	0	S76 and (mems micro$5 microelect$6)
65	BRS	1	'10/028419'
66	BRS	71	S78 and total
67	BRS	13	S78 and plastic$3

	DBs	Time Stamp	Comments	Error Definition
60	US-PGPUB; USPAT; EPO; JPO; DERWENT	2004/12/15 16:28		
61	US-PGPUB; USPAT	2005/06/07 10:53		
62	US-PGPUB; USPAT	2005/06/07 11:03		
63	US-PGPUB; USPAT	2005/06/07 11:03		
64	US-PGPUB; USPAT	2005/06/07 11:18		
65	US-PGPUB; USPAT	2005/06/07 11:19		
66	US-PGPUB; USPAT	2005/06/07 11:19		
67	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/07 11:29		

	Errors	Ref #
60		S75
61		S77
62		S78
63		S79
64		S80
65		S76
66		S81
67		S82

	Type	Hits	Search Text
68	BRS	13	S78 and plastic$3
69	BRS	1	"6583934".pn.
70	BRS	1	S84 and (mass$3 alignm$4 product$4)
71	BRS	98	((((grating$1 near7 (glass transpaernt transmissive transmisive silicon)) ((normal side section front back enter$4) near4 grating$1)) and (((grating near1 diffract$4)) and (grating near12 (reflect$5 mirror$1) same beam$1))) and ((DWDM WDM) same grating$1) and (grating$1 same (fiber$1 waveguide$1)) and integrat$4) not ((((grating same diffract$4 same integrat$4)) and (grating near12 (reflect$5 mirror$1) same beam$1)) and ((DWDM WDM) same grating$1) and (grating$1 same (fiber$1 waveguide$1)))
72	BRS	98	((((grating$1 near7 (glass transpaernt transmissive transmisive silicon)) ((normal side section front back enter$4) near4 grating$1)) and (((grating near1 diffract$4)) and (grating near12 (reflect$5 mirror$1) same beam$1))) and ((DWDM WDM) same grating$1) and (grating$1 same (fiber$1 waveguide$1)) and integrat$4) not ((((grating same diffract$4 same integrat$4)) and (grating near12 (reflect$5 mirror$1) same beam$1)) and ((DWDM WDM) same grating$1) and (grating$1 same (fiber$1 waveguide$1)))
73	BRS	4	S87 and mold$5

	DBs	Time Stamp	Comments	Error Definition
68	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/07 11:29		
69	US-PGPUB; USPAT	2005/11/23 12:24		
70	US-PGPUB; USPAT	2005/06/07 11:39		
71	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/07 17:20		
72	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/07 17:22		
73	US-PGPUB; USPAT	2005/06/08 11:00		

	Errors	Ref #
68		S83
69		S84
70		S85
71		S86
72		S87
73		S88

	Type	Hits	Search Text
74	BRS	98	((((grating$1 near7 (glass transpaernt transmissive transmisive silicon)) ((normal side section front back enter$4) near4 grating$1)) and (((grating near1 diffract$4)) and (grating near12 (reflect$5 mirror$1) same beam$1))) and ((DWDM WDM) same grating$1) and (grating$1 same (fiber$1 waveguide$1)) and integrat$4) not ((((grating same diffract$4 same integrat$4)) and (grating near12 (reflect$5 mirror$1) same beam$1)) and ((DWDM WDM) same grating$1) and (grating$1 same (fiber$1 waveguide$1)))
75	BRS	4	S89 and mold$4
76	BRS	2	"20030067645".pn.
77	BRS	1	S91 and (mold$4 same grating$3)
78	BRS	1	"6583934".pn.

	DBs	Time Stamp	Comments	Error Definition
74	US-PGPUB; USPAT; USOCR; EPO; JPO	2005/11/23 13:58		
75	US-PGPUB; USPAT	2005/06/08 12:12		
76	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/08 12:13		
77	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/08 12:13		
78	US-PGPUB; USPAT	2005/11/23 12:24		

	Errors	Ref #
74		S89
75		S90
76		S91
77		S92
78		S93